

**JP Patent Abstract, vol. 1995, no. 06, JP 07057739  
1327.003WO1**

1/9/1

DIALOG(R)File 351:Derwent WPI

(c) 2002 Thomson Derwent. All rts. reserv.

010233121 \*\*Image available\*\* WPI Acc No: 1995-134378/199518

XRAM Acc No: C95-061866 XRPX Acc No: N95-105722

**Fuel electrode prodn for high temp fuel cell - by laser fusion spraying metal on stabilised zircon A in inert gas**

Patent Assignee: AGENCY OF IND SCI & TECHNOLOGY (AGEN )

Number of Countries: 001 Number of Patents: 002

**Patent Family:**

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 7057739	A	19950303	JP 93216999	A	19930809	199518 B
JP 2810973	B2	19981015	JP 93216999	A	19930809	199846

Priority Applications (No Type Date): JP 93216999 A 19930809

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 7057739	A	4		H01M-004/88	
JP 2810973	B2	5		H01M-004/88	Previous Publ. patent JP 7057739

**Abstract (Basic): JP 7057739 A**

Electrode forming metal is laser fusion sprayed on the surface of a solid state electrolyte made of stabilised zirconia in an inert gas atmos. to form an electrode covering film.

ADVANTAGE - Method produces homogeneous and thin porous metal covering film having improved and durable heat stability and adhesiveness.

Dwg.1/5

Title Terms: FUEL; ELECTRODE; PRODUCE; HIGH; TEMPERATURE; FUEL; CELL; LASER ; FUSE; SPRAY; METAL; STABILISED; ZIRCON; INERT; GAS

Derwent Class: L03; M13; X16

International Patent Class (Main): H01M-004/88

International Patent Class (Additional): C23C-004/08; C23C-004/12;

C23C-014/48; H01M-004/86; H01M-008/02; H01M-008/12

File Segment: CPI; EPI

Manual Codes (CPI/A-N): L03-E04B; M13-C

Manual Codes (EPI/S-X): X16-E06A

Derwent Registry Numbers: 1521-U